

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A data processing network configuration, comprising;
an access point which receives and stores ~~[[a]]~~ an asset information request to retrieve asset information from a mobile system associated with the access point, the asset information request including a media access controller (MAC) address, and wherein the access point stored the request separately from interface buffers of the access point;

a mobile system having a central processing unit, a system memory, a wireless network adapter having a MAC address matching the MAC address in the asset information request, and an asset information storage unit which comprises nonvolatile storage connected directly to the wireless network adapter and which is separate from the system memory, the wireless network adapter periodically waking from a powered down state to poll the access point to discover the stored request for asset information on the access point, ~~wherein the mobile system otherwise remains in the powered down state while the wireless network adaptor responds to the discovery of the stored request;~~

wherein the wireless network adapter responds to discovery of the stored asset information request by retrieving the requested asset information from the asset information storage unit ~~nonvolatile storage connected directly to the wireless network adapter~~ and transmitting the requested asset information via the wireless network adapter to the access point and subsequently return to the powered down state in response to transmitting the requested information.

2. (Original) The network of claim 1, wherein the access point is configured to recognize the request as a packet containing a media access control (MAC) address repeated multiple times and an appended control field.

3. (Currently Amended) The network of claim 1, wherein the wireless network adapter retrieves the requested asset information from ~~nonvolatile storage that is connected directly to the wireless network adapter~~ the asset information storage unit via a system management bus by a two wire serial bus, and wherein the mobile system otherwise remains in the powered down state.

4. (Previously Presented) The network of claim 1, wherein the access point stores the pending request in a table having an entry for each mobile system associated with the access point.

5. (Previously Presented) The network of claim 4, wherein the access point allocates an entry in the table when a mobile system associates with the access point, wherein asset information from the mobile system is stored in the allocated entry associated with the mobile system.

6. (Previously Presented) The network of claim 1, wherein the access point stores asset information of the mobile system in a table of the access point.

7. (Currently Amended) A computer program product for remotely retrieving asset information from a powered-down mobile system, the computer program product comprising processor executable instructions stored on a non-transitory computer readable storage media, comprising:

computer readable non-transitory storage medium containing code which configures, upon execution, an access point to store a server request for asset information from the powered-down mobile system wherein the powered-down mobile system is associated with the access point and has a central processing unit, a system memory, a wireless network adapter having a media access controller (MAC) address, and an asset information storage unit which comprises nonvolatile storage connected directly to the wireless network adapter and which is separate from the system memory, the asset information request including the (MAC) address of the wireless interface adapter, wherein the server request is stored separately from interface buffers of the access point;

computer readable non-transitory storage medium containing code which configures, upon execution, the wireless network adapter to periodically wake from a powered down state and poll the access point for the request for asset information while the powered-down mobile system remains otherwise powered down; and

computer readable non-transitory storage medium containing code which configures, upon execution, the wireless network adapter to retrieve the asset information from ~~non-volatile storage connected directly to the wireless network adapter~~ the asset information storage unit and forward the retrieved asset information to the access point in response to detecting the stored request for asset information at the access point ~~while the mobile system remains otherwise powered down,~~ and wherein the wireless network adapter returns to the powered down state subsequent to forwarding the retrieved information.

8. (Currently Amended) The computer program product of claim 7, wherein the non-transitory computer readable storage medium containing code which causes, upon execution, the mobile system to retrieve the asset information contains code to configure the mobile system to access the asset information from nonvolatile storage on the mobile system while the network adapter is powered on, wherein the nonvolatile storage is connected directly to the wireless network adaptor via a two wire serial system management bus, and wherein the computer

readable storage medium containing code which configures, upon execution, the mobile system to retrieve the asset information further contains code to configure the mobile system to forward the retrieved information.

9. Cancelled

10. (Currently Amended) The computer program product of claim 7, wherein the computer readable non-transitory storage medium containing code which configures, upon execution, the access point to store the server request contains code which configures, upon execution, the mobile system to store the request in a table on the access point having an entry for each mobile system associated with the access point.

11. (Original) The computer program product of claim 10, wherein each table entry contains a MAC address of the corresponding wireless network adapter.

12. (Currently Amended) The computer program product of claim 11, wherein the mobile system stores its asset information in the table and computer readable non-transitory ~~storage~~ storage medium containing code which configures, upon being executed, the access point to store the asset information further contains code to configure, upon execution, the access point to, responsive to a subsequent request for the mobile system's asset information, service the request using asset information stored at the access point.

13. (Original) The computer program product of claim 7, wherein the server request includes the MAC address of the wireless adapter on the mobile system of interest to the server repeated sixteen times and a control field appended thereto.

14. (Currently Amended) A method for enabling a server to remotely access data from a powered down mobile system, the method comprising:

transmitting, from the server, a request to retrieve asset information from a mobile system to an access point associated with the mobile system, the asset information request including a media access controller (MAC) address;

receiving the request at the access point and storing information indicative of the request on the access point when the request is addressed to the mobile system associated with the access point which is presently powered down, and wherein the request is stored separately from interface buffers of the access point;

periodically polling the access point by a wireless network adapter of the mobile system for a pending request by waking the wireless network adapter of the mobile system to perform the periodic polling, ~~wherein the mobile system otherwise remains powered down during the polling,~~ the wireless network adapter having a MAC address which is the same as that in the asset information request;

responsive to detecting the stored request for asset information from the server at the access point upon polling the access point, retrieving the requested asset information from an asset information storage unit entirely dedicated to storage of asset information and which comprises non-volatile storage which is directly exclusively connected to the wireless network adapter and transmitting the requested asset information to the server through the access point from the wireless network adapter, and subsequently returning the wireless network adaptor to a powered down state.

15. (Previously Presented) The method of claim 14, wherein transmitting the request includes transmitting a packet containing a media access control address of the wireless network adapter which is repeated multiple times and a control field appended thereto.

16. (Previously Presented) The method of claim 15, wherein storing information indicative of the request comprises storing information indicative of the request in a table having an entry corresponding to each mobile client associated with the access point, wherein each entry in the request contains the MAC address of the corresponding mobile system's wireless network adapter.

17. (Previously Presented) The method of claim 16, wherein each entry in the table further stores the corresponding mobile system's Management Information Format asset information.

18. (Previously Presented) The method of claim 17, wherein the server request is a request for the mobile system's asset information and wherein the access point services the request itself if the table contains a valid copy of the mobile client's asset information.

19. (Previously Presented) The method of claim 14, wherein retrieving the information includes retrieving data from nonvolatile storage directly connected to the wireless network adapter via a two wire serial system management bus.

20. – 21. Cancelled.